

WHAT IS CLAIMED IS:

1. A solar cell module comprising a front surface protecting layer, a rear surface protecting layer, and a solar cell and a resin film sealed by sealing resin between the front surface protecting layer and the rear surface protecting layer,

5 wherein the resin film is smaller in size than an overlaying area of the front surface protecting layer and the rear surface protecting layer.

2. The solar cell module according to claim 1,

wherein the front surface protecting layer is a glass plate and the rear surface protecting layer is a transparent resin film.

10 3. The solar cell module according to claim 1,

wherein the resin film is a film which is previously heat-shrunk or a film of a small heat shrinkage rate.

4. The solar cell module according to claim 2,

wherein the rear surface protecting layer is a film which is previously heat-shrunk or a film of a small heat shrinkage rate.

15 5. The solar cell module according to claim 1,

wherein the resin film is formed inside from an edge of the overlaying area of both of the protecting layers.

6. The solar cell module according to claim 3,

20 wherein the resin film is formed inside by at least 3 mm from the edge of the overlaying area of the front surface protecting layer and the rear surface protecting layer.

7. The solar cell module according to claim 2,

25 wherein the resin film is formed between the front surface protecting layer and the solar cell, and the resin film is overlaid on an area including at least the solar

cells within the overlaying area of the front surface protecting layer and the rear surface protecting layer.

8. The solar cell module according to claim 1,

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wherein the front surface protecting layer is a glass plate, the rear surface protecting layer is a metal plate, the resin film is formed between the solar cell and the rear surface protecting layer, and the resin film is overlaid on an area including at least the solar cells and a wiring of the cells within the overlaying area of the front surface protecting layer and the rear surface protecting layer.

9. The solar cell module according to claim 8,

10. wherein the wiring protruded from the resin film is covered with an insulating tape.